

FIG. 1

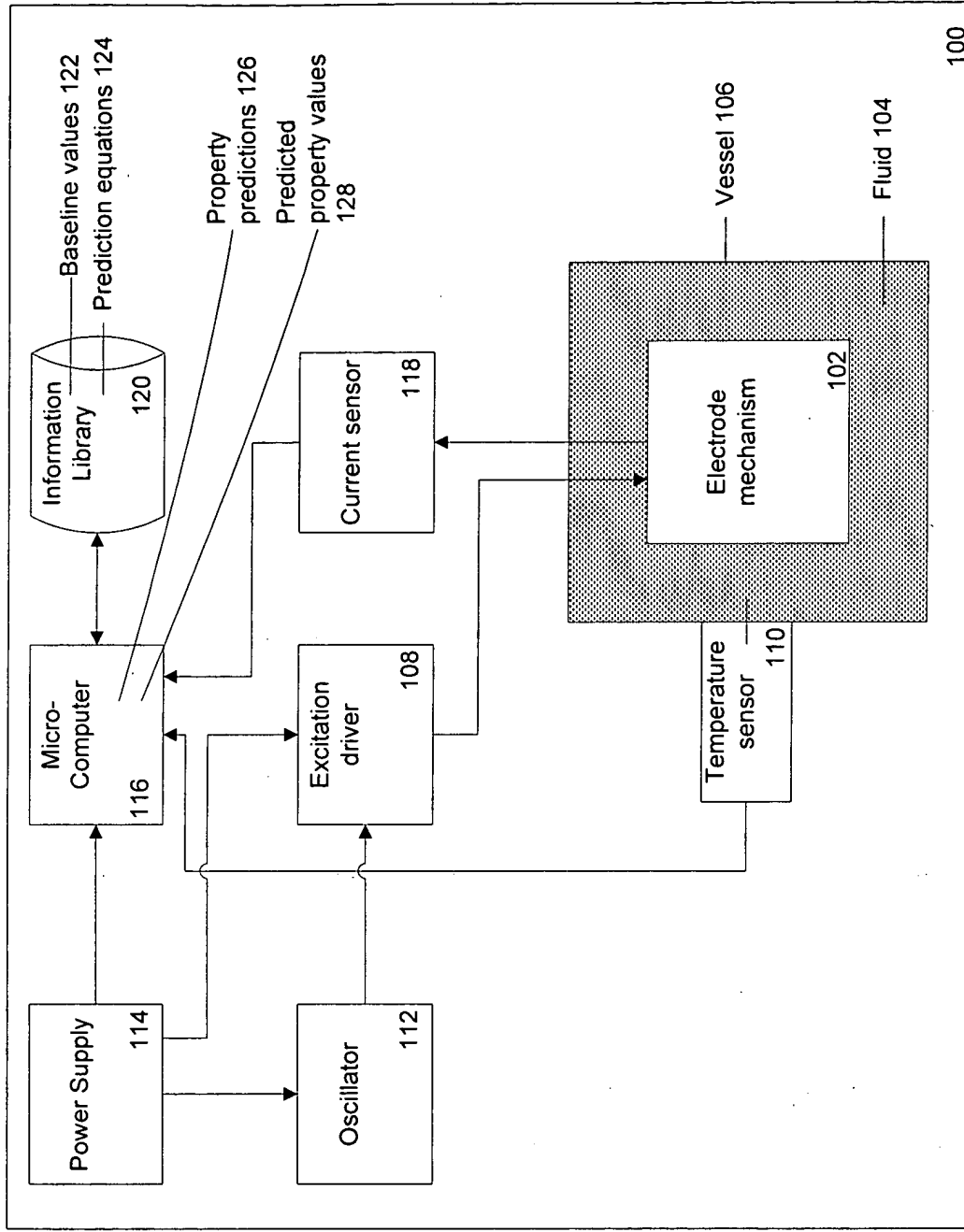
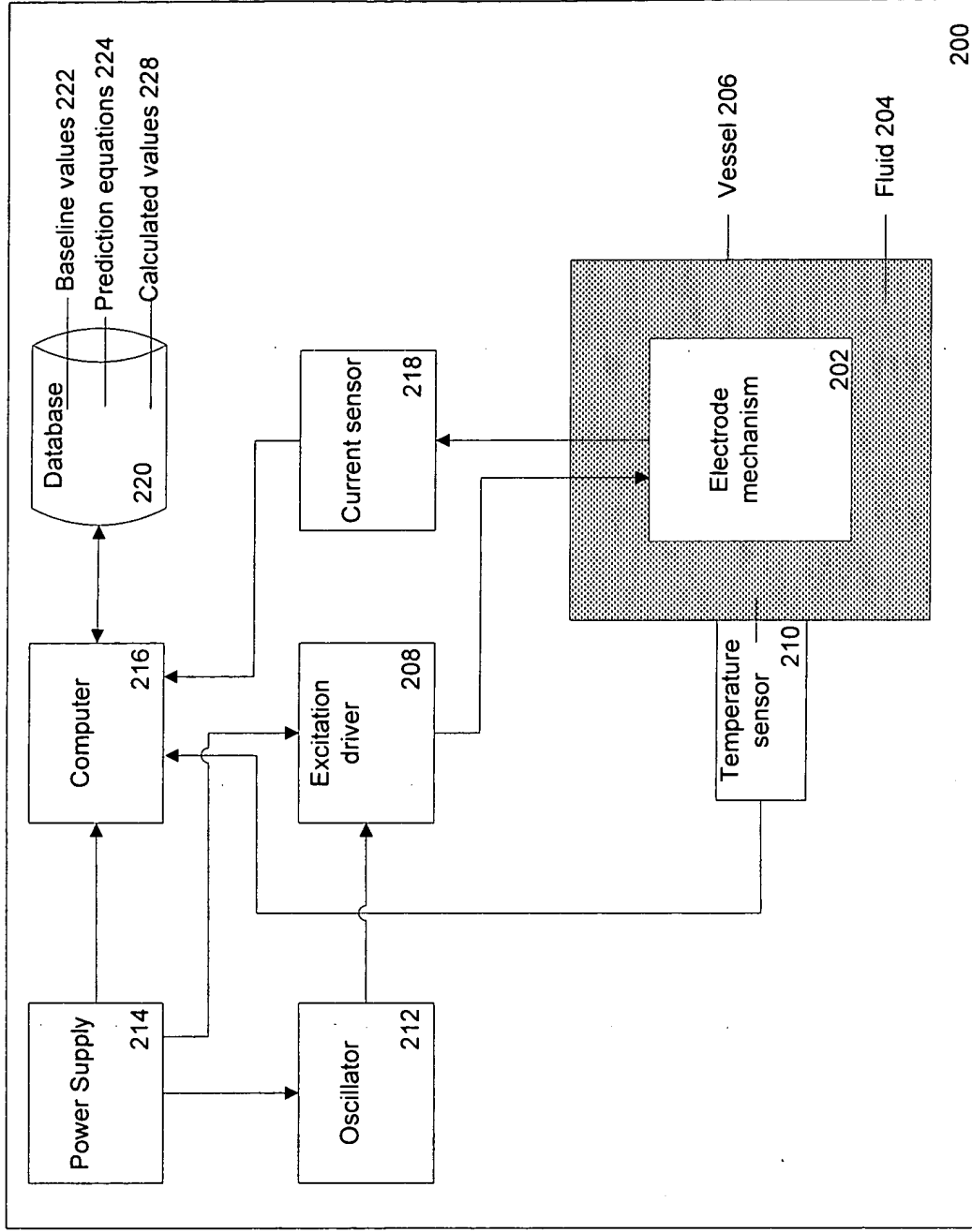


FIG. 2



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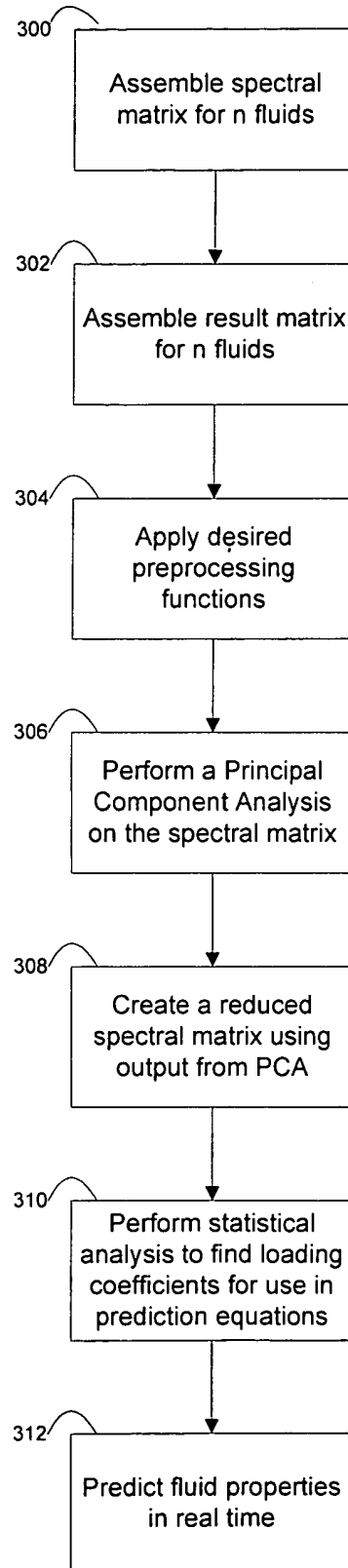


FIG. 3

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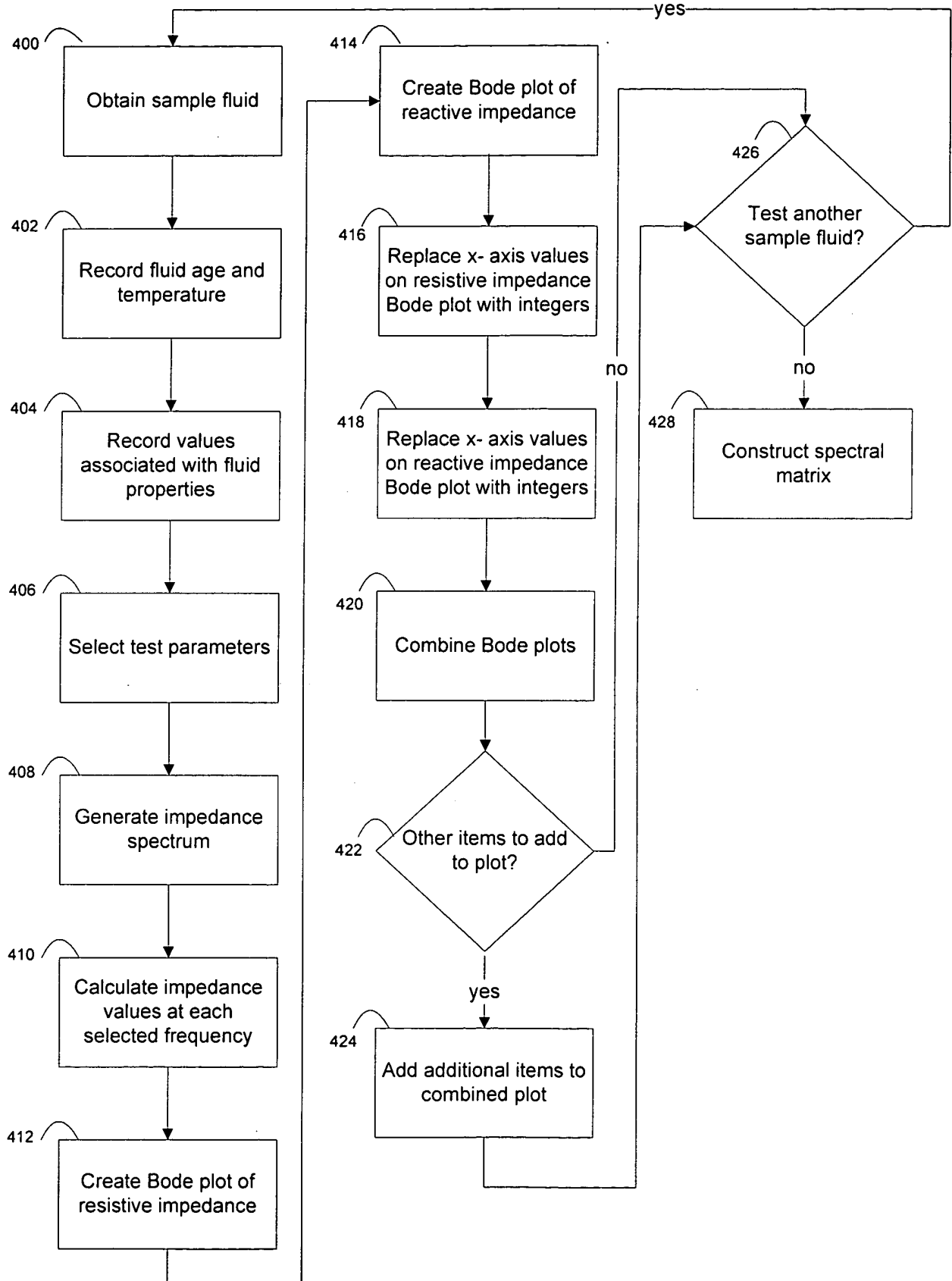


FIG. 4

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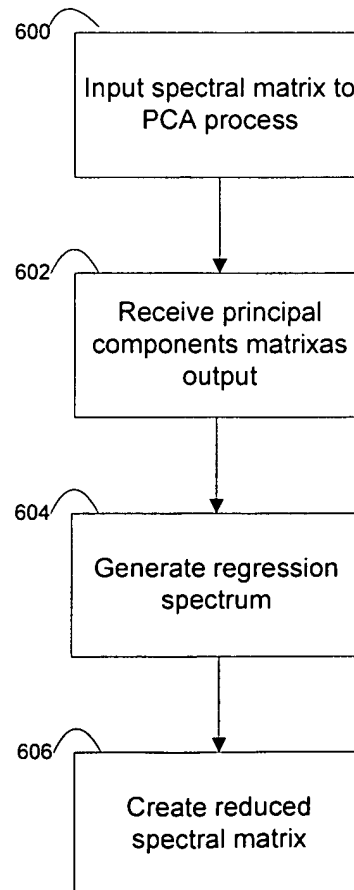
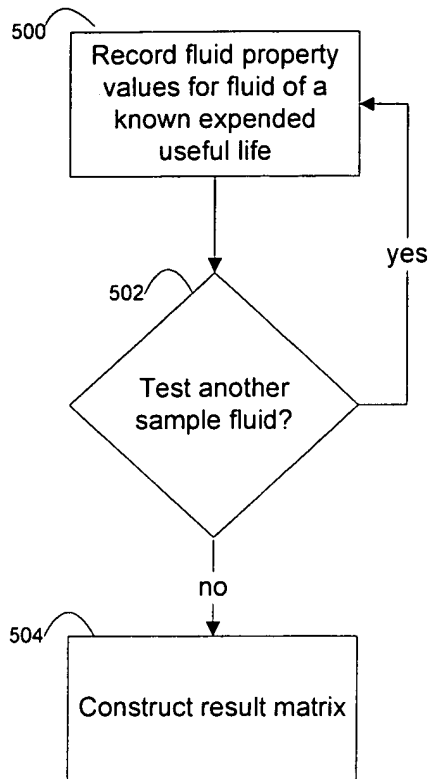




FIG. 7

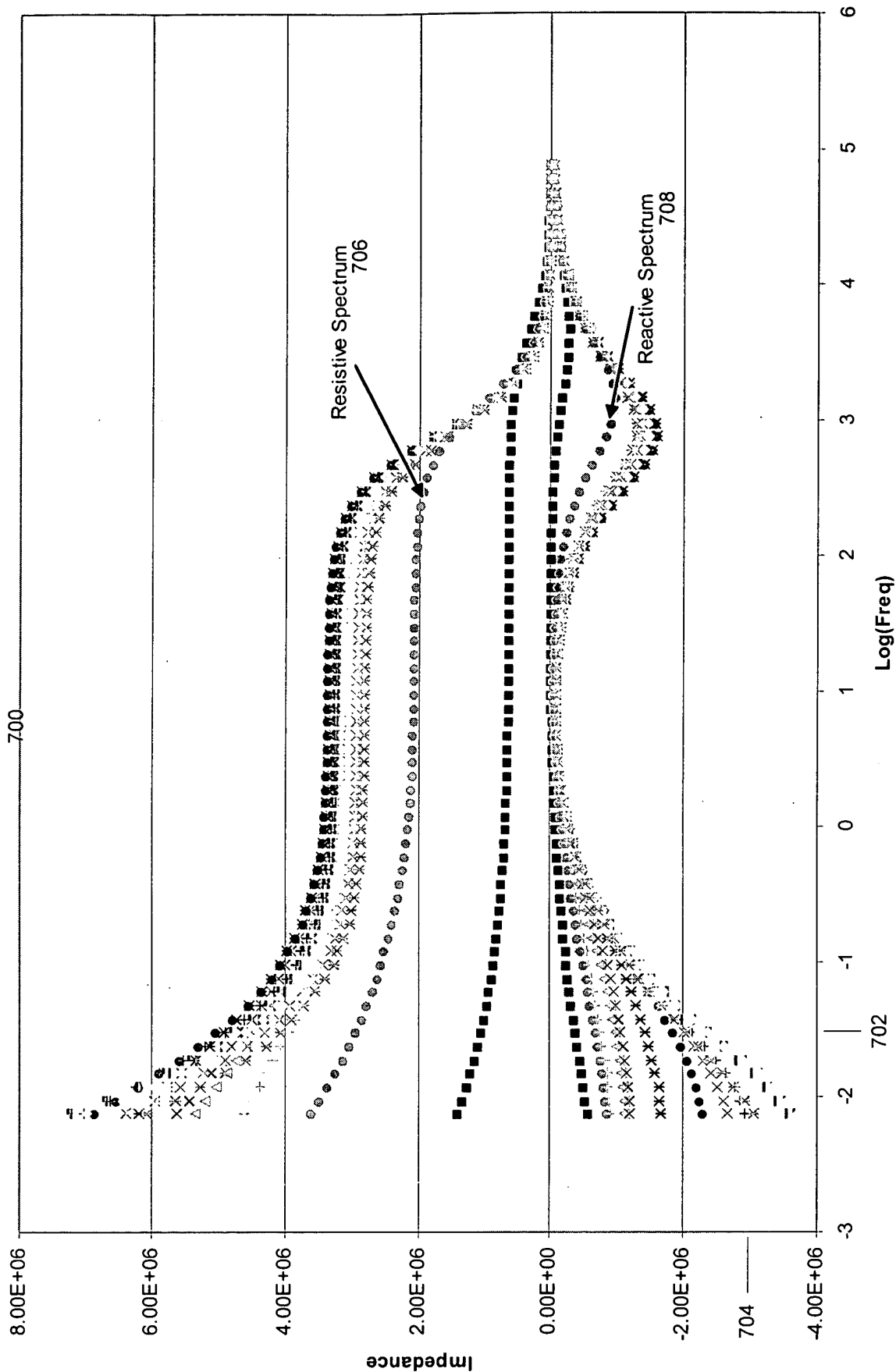
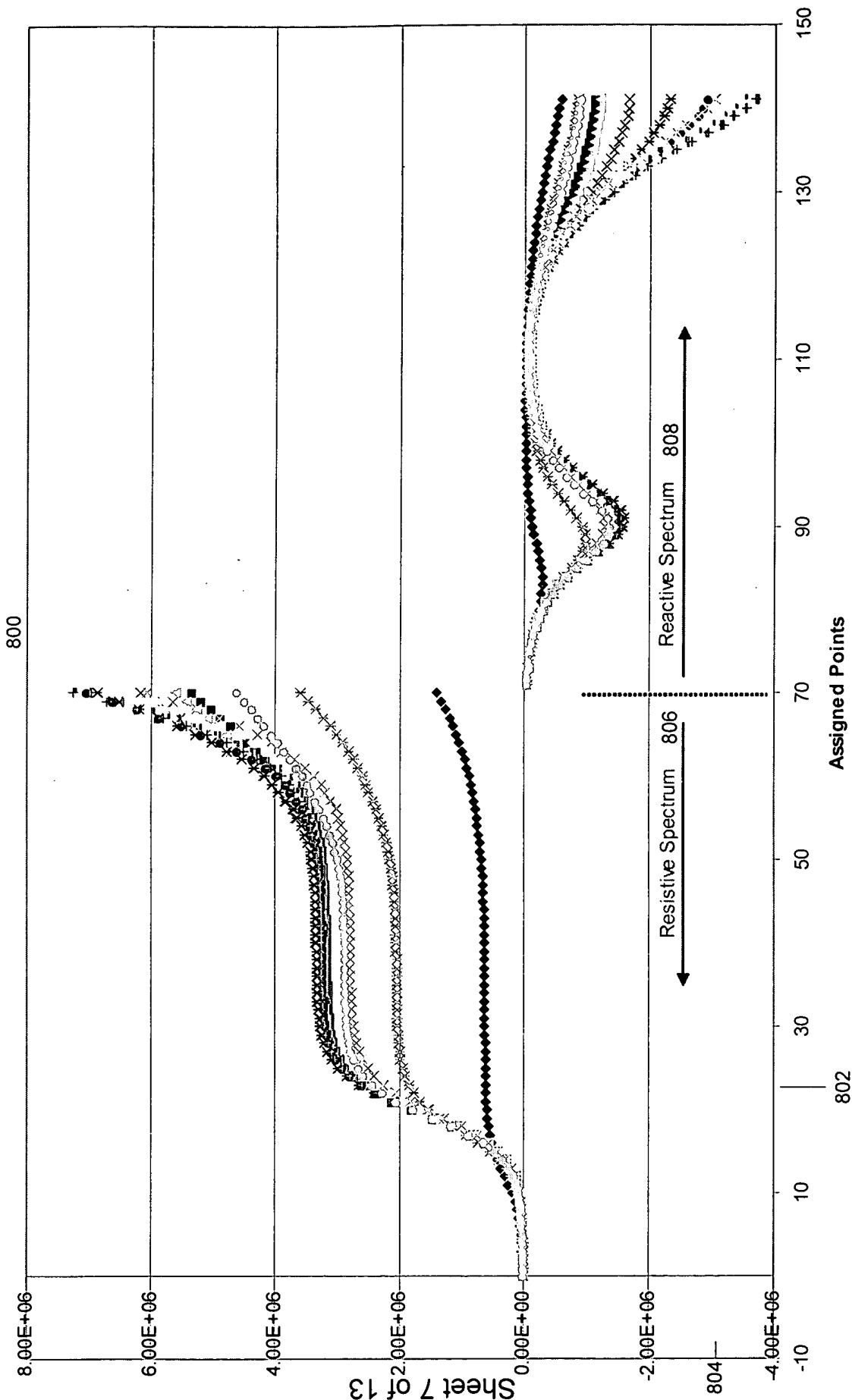


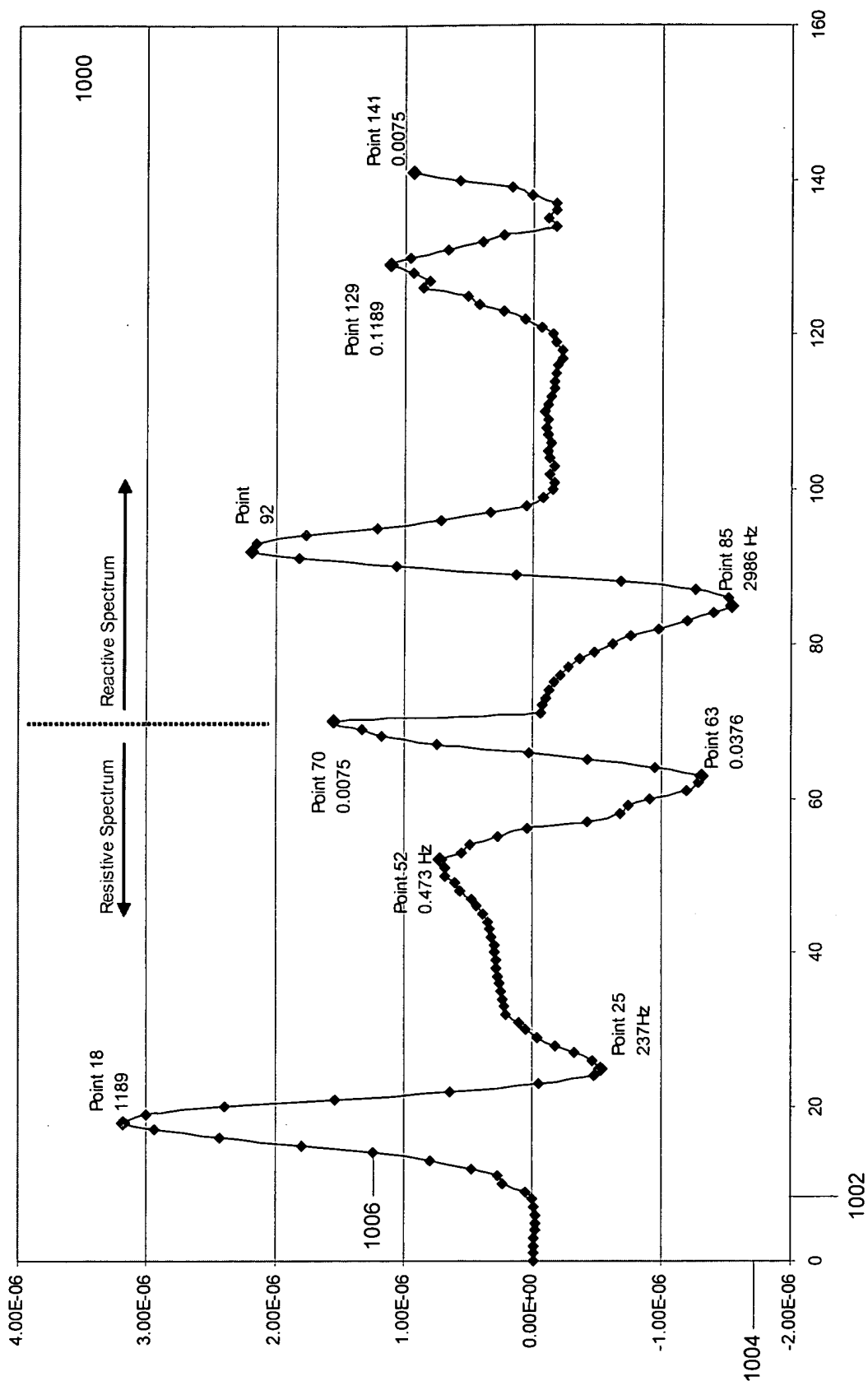
FIG. 8



902	904	906	908	910	912	914	916	918	920
Results Matrix	Hours	VIS100C	TBN	Fe	ZDDP950	ZDDP655	CO3_1512	Oxid1719	CO3_852
Sample									
1_70	1	15.35	10.16	9	-1.32E-03	2.26E-03	1.01E-03	5.74E-04	-2.18E-04
102_70	102	15.72	8.84	21	-1.98E-02	-2.26E-02	-7.15E-03	1.27E-04	-2.34E-03
125_70	125	16.14	8.45	28	-2.23E-02	-2.54E-02	-6.06E-03	1.32E-03	-3.86E-03
149_70	149	16.54	8.1	34	-2.38E-02	-0.028522	-4.90E-03	3.16E-03	-3.51E-03
200_70	200	17.29	8.07	44	-2.61E-02	-3.61E-02	-6.60E-03	4.90E-03	-4.71E-03
225_70	225	17.76	7.96	51	-2.74E-02	-3.87E-02	-7.16E-03	5.97E-03	-4.78E-03
250_70	250	18.33	7.62	58	-2.86E-02	-4.27E-02	-1.63E-02	6.60E-03	-4.73E-03
275_70	275	18.79	7.19	60	-0.029014	-4.23E-02	-1.67E-02	7.56E-03	-5.41E-03
300_70	300	19.28	7.1	70	-2.89E-02	-4.18E-02	-0.017433	9.22E-03	-5.93E-03
325_70	325	19.93	6.6	71	-2.97E-02	-4.32E-02	-1.89E-02	1.06E-02	-6.40E-03
350_70	350	20.18	6.67	94	-2.95E-02	-4.36E-02	-2.65E-02	1.28E-02	-7.28E-03
378_70	378	21.43	5.83	93	-3.07E-02	-4.19E-02	-2.60E-02	1.27E-02	-6.25E-03
400_70	400	22.54	6.16	112	-0.031374	-4.19E-02	-2.90E-02	1.57E-02	-7.30E-03
50_70	50	15.41	9.48	14	-1.14E-02	-8.34E-03	-3.54E-03	-3.01E-04	-1.37E-03
75_70	75	15.64	9.27	17	-1.58E-02	-1.60E-02	-5.79E-03	2.23E-04	-2.61E-03

FIG. 9

FIG. 10



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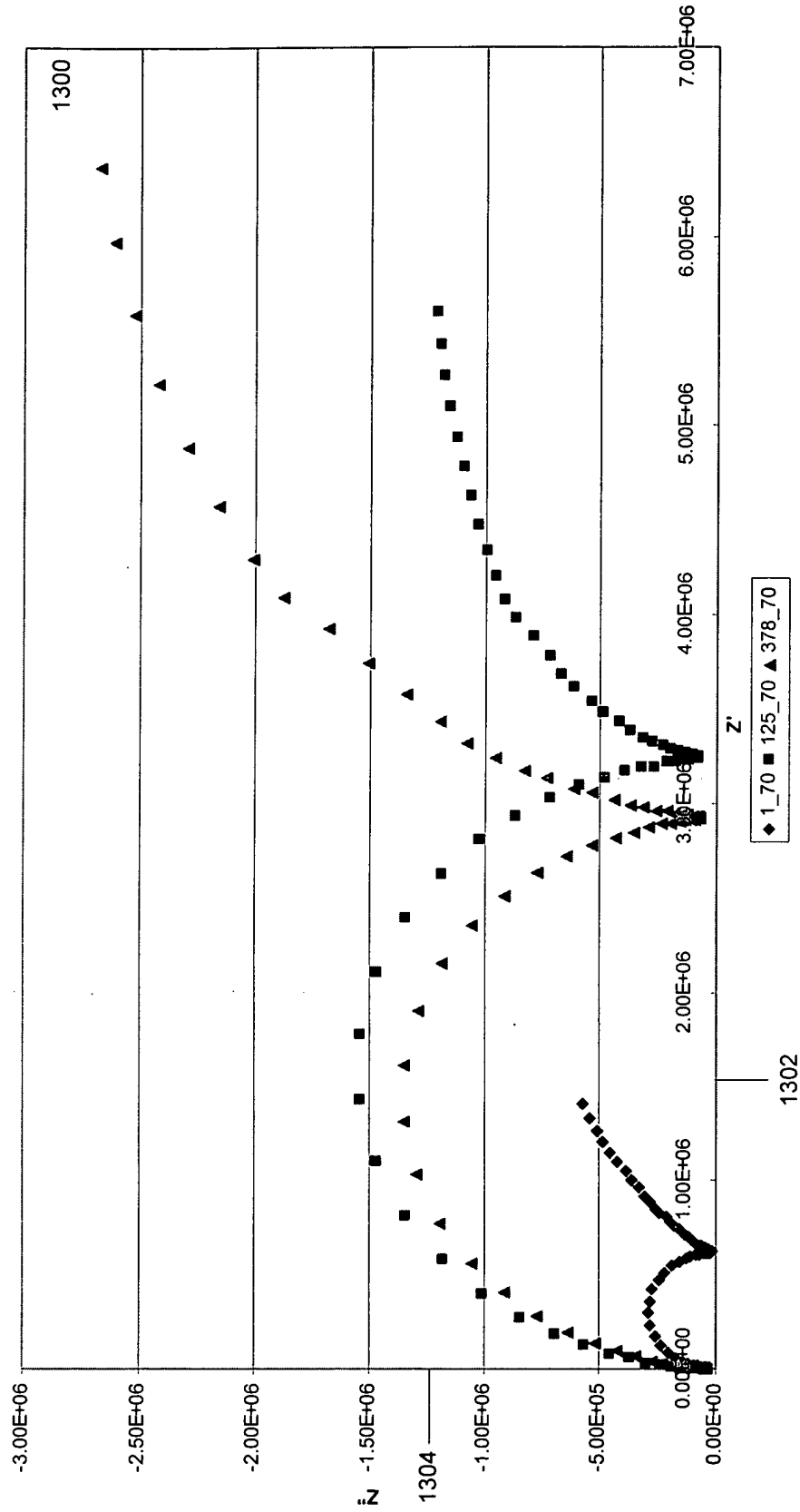
1122	1102	Reduced Matrix										1104	1106	1108	1110	1112	1114	1116	1118	1120
		Freq	log(Freq)	Point	1_70	102_70	125_70	149_70	200_70	225_70	250_70	275_70	300_70	325_70	350_70	378_70	400_70	50_70	75_70	
		1.19E+03	3.0750613	18	5.69E+05	1.14E+06	1.11E+06	1.09E+06	1.08E+06	1.09E+06	1.08E+06	1.06E+06	1.05E+06	1.05E+06	1.03E+06	1.01E+06	1.15E+06	1.16E+06		
		2.37E+02	2.375061219	25	6.19E+05	2.88E+06	2.94E+06	3.00E+06	3.00E+06	2.93E+06	2.94E+06	2.87E+06	2.82E+06	2.72E+06	2.67E+06	2.63E+06	2.52E+06	1.96E+06	2.67E+06	
		4.73E-01	-0.324937	52	7.14E+05	3.36E+06	3.44E+06	3.49E+06	3.49E+06	3.38E+06	3.37E+06	3.30E+06	3.22E+06	3.10E+06	3.04E+06	3.02E+06	2.89E+06	2.23E+06	3.08E+06	
		3.76E-02	-1.424928	63	1.01E+06	4.29E+06	4.49E+06	4.72E+06	4.77E+06	4.61E+06	4.52E+06	4.36E+06	4.32E+06	4.16E+06	4.12E+06	4.09E+06	3.90E+06	2.84E+06	3.85E+06	
		7.50E-03	-2.124939	70	1.41E+06	5.34E+06	5.61E+06	6.18E+06	6.85E+06	7.02E+06	7.24E+06	7.19E+06	6.95E+06	6.71E+06	6.36E+06	6.36E+06	6.07E+06	3.60E+06	4.61E+06	
		2.99E+03	2.99E+03	85	2.71E+05	-8.51E+05	-8.42E+05	-8.39E+05	-8.37E+05	-8.35E+05	-8.28E+05	-8.12E+05	-8.07E+05	-7.89E+05	-7.82E+05	-7.67E+05	-7.46E+05	-7.53E+05	-8.37E+05	
		5.96E+02	5.96E+02	92	-8.67E+04	-1.41E+06	-1.47E+06	-1.52E+06	-1.52E+06	-1.47E+06	-1.48E+06	-1.44E+06	-1.41E+06	-1.34E+06	-1.30E+06	-1.29E+06	-1.22E+06	-7.37E+05	-1.24E+06	
		1.19E-01	-0.9249277	129	-2.43E+05	-6.94E+05	-7.84E+05	-9.92E+05	-1.13E+06	-1.21E+06	-1.27E+06	-1.20E+06	-1.23E+06	-1.16E+06	-1.07E+06	-1.07E+06	-1.05E+06	-4.59E+05	-5.60E+05	
		7.50E-03	-2.12493874	141	-5.75E+05	-1.13E+06	-1.21E+06	-1.67E+06	-2.31E+06	-2.92E+06	-3.68E+06	-3.54E+06	-3.72E+06	-3.38E+06	-2.62E+06	-2.67E+06	-3.05E+06	-8.63E+05	-9.03E+05	

FIG. 11

FIG. 12

[illegible]

FIG. 13



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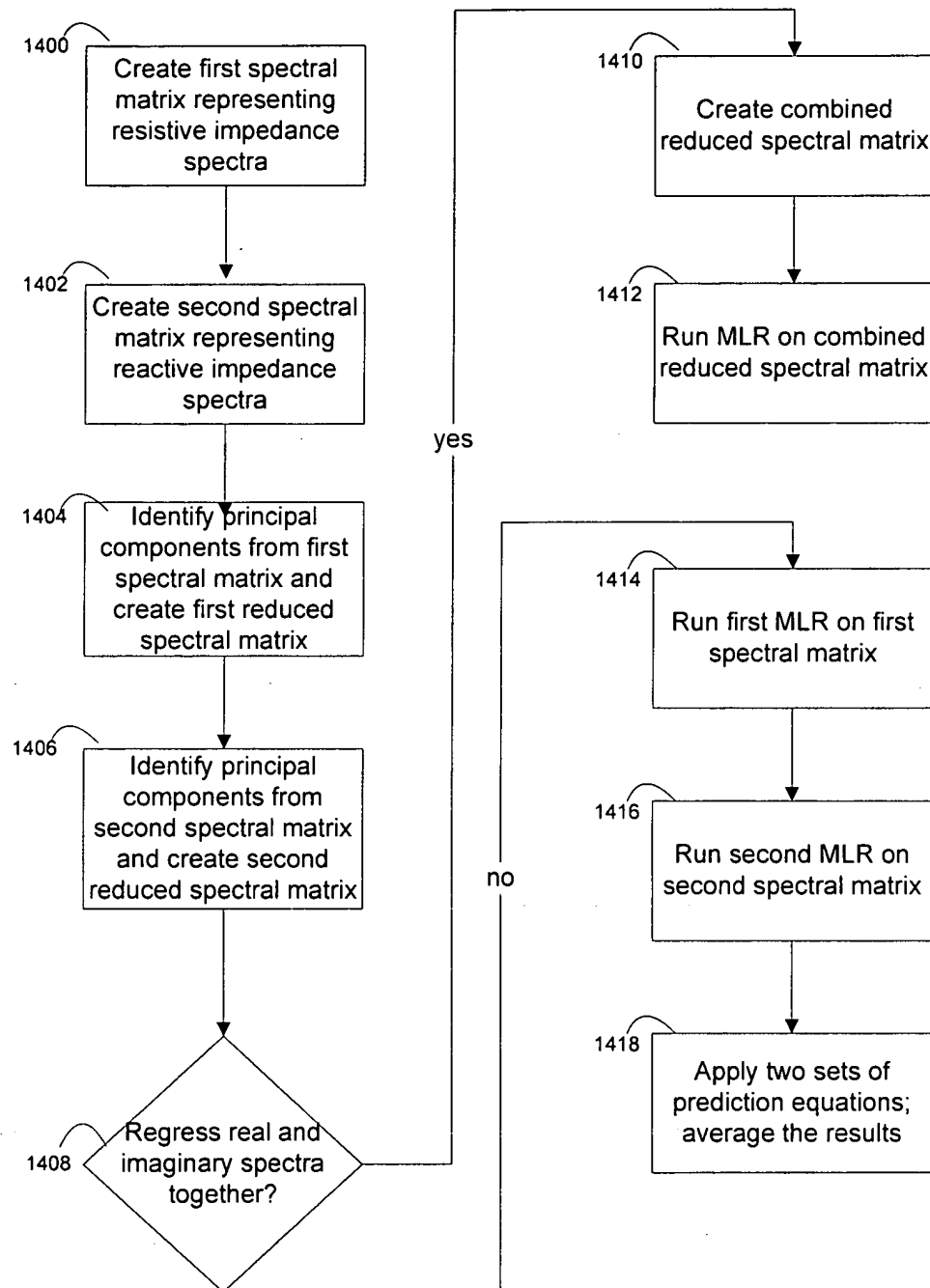


FIG. 14